



# Longfield Learning Journey



<b>Year Group: 10</b>	<b>Unit of work: Engineering Disciplines</b>	<b>Term: 1.1</b>
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<b>Skills:</b>	<b>Context:</b>	<b>R</b>	<b>A</b>	<b>G</b>
AO1 Recall Knowledge and show Understanding	Understand how specific engineering projects and products have shaped the modern world.			
AO2 Apply knowledge and understanding	Explain how different Engineering disciplines have changed the modern world			
<b>Content: Tools</b>		<b>R</b>	<b>A</b>	<b>G</b>
<b>Explain how the applications of different engineering disciplines has solved problems - Mechanical</b>				
<b>Explain how the applications of different engineering disciplines has solved problems - Electrical and Electronic</b>				
<b>Explain how the applications of different engineering disciplines has solved problems - Aerospace</b>				
<b>Explain how the applications of different engineering disciplines has solved problems - Communications</b>				
<b>Explain how the applications of different engineering disciplines has solved problems - Chemical</b>				
<b>Explain how the applications of different engineering disciplines has solved problems - Civil</b>				
<b>Explain how the applications of different engineering disciplines has solved problems - Automotive</b>				
<b>Explain how the applications of different engineering disciplines has solved problems - Biomedical</b>				
<b>Explain how the applications of different engineering disciplines has solved problems - Software</b>				

<b>K</b> <i>What you know</i>	<b>W</b> <i>What you want to know</i>	<b>L</b> <i>What have you learned</i>